AEE/SSD/SBR/57/16-17. dt:27/06/16

Original/Duplicate/Triplicate

No. 1st & FINAL BILL

CONTRACT CERTIFICATE

(For Other Works)

Date : .....

Division DD

Sub-Division

Bill Received No. BT-209 Dated 30.06.2016

Cash Book Voucher No. ..... Dated :.....

Scheduled Doctet No. .....

Head of Account .....

Name of work (as per sanctioned estimate) **MODIFIED ESTIMATE FOR IMPROVEMENTS AND ASPHALTING AT BABANNA LAYOUT 1ST MAIN ROAD TO HESARAGATTA MAIN ROAD JUNCTION IN WARD NO.12, IN SHETTYHALLI SUB DIVISION.**

Name of Contractor and Full Address **TECHNICAL MANGER (WEST), KRIDL**

Reference to Agreement No. **EE/DD/WO/ 441 / 2012-13** Date: **08-03-2013**

Certified that the measurements were taken by me on 27/6/2016 and recorded in pages 49 of 17 to 49 of 22 of measurements Book No. 4908/16-17 and that the work is satisfactorily executed.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Contractor

Ravi. N.K.
Officer - in - charge of work

Certified that the measurements were checked by me on 27/06/2016 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment **JOB NO : 12-13-000022**

Sub - Division Officer

		AMOUNT
1.	Total value of work done or supplies made as per account.	
2.	Deduct amount to be held in reserve being ..... percent Rs.	
3.	- do - Balance	--
4.	Deduct Payments :	
	a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No.	
	Amount adjusted towards cash advance recovery of	
	b) Payments cost store or other materials supplied.	
5.	Balance being unpaid value of work done held in reserve	Total --
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments	
7.	Net amount due to or from contractor	
	Unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.	
	Total amount adjusted --	

1st and Final Bill → 4260617 =0

IT → 85212 =0
VAT → 170425 =0
GD → 213031 =0
LR → 58816 =0
CSF → 4261 =0
LWL → 42606 =0

574351 =0

3686266 =0

Contractor Signature

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Received Rs. ..... (in words)

.....

..... by cash and by adjustment of

Payment as per memorandum.

(For use in the Office)

(In final settlement of all demand)

Witness :

1.

2.

Audited and admitted for Rs. 4260617 =0

Amount Paid by Cheque for Rs. 3686266 =0

by adjustment Rs. 574357 =0

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Stamp

Date

Signature of Contractor

Paid by me by cheque No..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

Executive Engineer

B.B.M.P. Dasarahalli Division

	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per specifications	Cum			1265.64	65.88	83380.00	1265.64	83380.00	
2	Construction of granular sub-baseby providing close graded material, mixing in a mechanical mix plant at OMC , carriage of mixed Material to work site, spreading in uniform layers with mortor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specification. A.Plant Mix Method. Close graded granual sub-base material as per 400-1 For Grading - I Material.	Cum			615.60	1060.56	652881.00	615.60	652881.00	
3	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications.	Cum			818.32	1121.04	917369.00	818.32	917369.00	
4	Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using meachanical means complete as per specifications.	Sqm			3874.40	44.28	171558.00	3874.40	171558.00	
5	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base/binding course including loading of aggregates with F.E loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50/75 mm compacted thickness with 3.3% bitumen but excluding cost of primer/ tack coat with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications. With 80/100 Grade bitumen	Cum			90.62	6646.32	602290.00	90.62	602290.00	
6	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications	Sqm			2852.20	2.59	7387.00	2852.20	7387.00	
7	Tack coat:- Providing and laying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/Granular surface cleaned with mechanical broom. Complete as per specifications. MORTH Specification No. 503. using bitumen emulsion	Sqm			2852.20	11.99	34198.00	2852.20	34198.00	
8	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No. 500.8 complete in all respects as per specifications. 25-30mm compacted thickness with 5% Bitumen 80/100 grade (Grading II)	Cum			134.93	9631.44	1299570.00	134.93	1299570.00	
9	Carriage of mixed materials 10 Kms, For items of Sl.no 1.c) rs. 5.20 per cum/km	Cum			225.55	56.16	12667.00	225.55	12667.00	
10	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a)Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b)Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c)Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.20	Cum			1265.64	72.71	92025.00	1265.64	92025.00	
	Sub Total						**3873325.00**		**3873325.00**	
	Add : KRIDL Service Charges 11%						**426066.00**		**426066.00**	
	Total						**4299391.00**		**4299391.00**	

CERTIFICATE:

1 Work done is satisfactory

2 There are no departmental issuesmade to the contractor

3 The contractor has cleared all debrice from work spot

Paul. N.K.
AE W-12

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ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು